

THE FRIGIDAIRE AIR CONDITIONED HOUSE

A CENTURY OF PROGRESS
CHICAGO-1934



THE DAY OF PRACTICAL
AIR CONDITIONING
FOR THE HOME IS HERE

FRIGIDAIRE CORPORATION • SUBSIDIARY OF
GENERAL MOTORS CORPORATION • DAYTON, OHIO



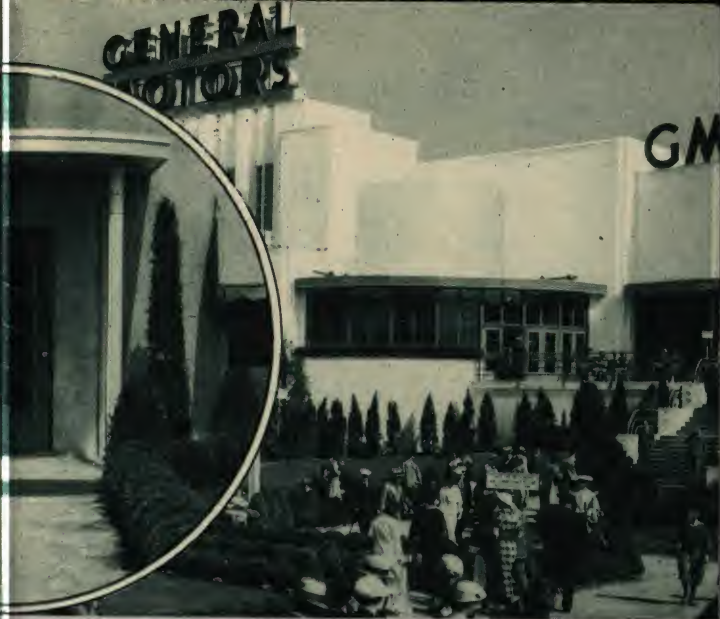
AN EXHIBITION OF FRIGIDAIRE FOR THE MODERN HOME

The Frigidaire Air-Conditioned House shows the different ways a new home or one that is already built can be conditioned for year round comfort with various types of Frigidaire Air Conditioning equipment.

The house has purposely been equipped with various types of Frigidaire Air Conditioning equipment to show how Frigidaire meets every requirement, whether it be to air condition one small room or an entire house.

The first floor of the house is air-conditioned by means of ducts from a central plant, a system which can readily be embodied in the plans of any new house for heating and cooling all the rooms.

On the second floor of the Frigidaire



DAIRE AIR CONDITIONING MODERN HOME

Air-Conditioned House, individual Frigidaire Conditioners of the cabinet type are placed in the various rooms, showing the ease with which Frigidaire equipment may be installed for conditioning the air of any or all the rooms of an existing residence.

These new Frigidaire Air Conditioning Cabinets can be installed in your home almost as easily as if new pieces of furniture were being placed there. It is by the development of these wonderful models that Frigidaire has made air conditioning a practical reality for the house of today.

On the following pages the unique features of the Frigidaire Air Conditioned House are illustrated and described.



Living Room of the Frigidaire Air-Conditioned House.

THE LIVING ROOM . . . A PLACE OF COOL, RESTFUL COMFORT

Upon entering the living room of the Frigidaire Air-Conditioned House, visitors comment first of all upon its refreshing coolness.

No matter how "sticky" the weather is outside, this room is always kept within what scientists call the "Comfort Zone"—a zone in which the air is never too hot or cold, never too dry or damp.

The "Comfort Zone" isn't merely a matter of temperature. In summer, true air conditioning must do more than *cool* the air. It must also reduce the humidity of the air. In addition, true air conditioning cleanses the atmosphere of dust, pollen, and other particles; then gently circulates the cool, dry, pure air.

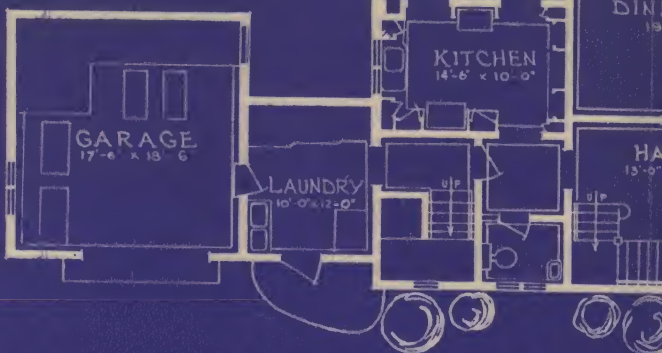
This is what the Frigidaire Air Conditioners do all through the Air-Conditioned House.



Your living room, too, can be made cool and comfortable with Frigidaire Air Conditioning.



THESE PLANS WERE DESIGNED FOR THE CONVENIENCE OF LARGE NUMBERS OF VISITORS. PLANS MODIFIED FOR NORMAL OCCUPATION FURNISHED ON REQUEST



FIRST FLOOR OF FRIGIDAIRE

ALWAYS REFRESHINGLY COOL IN T

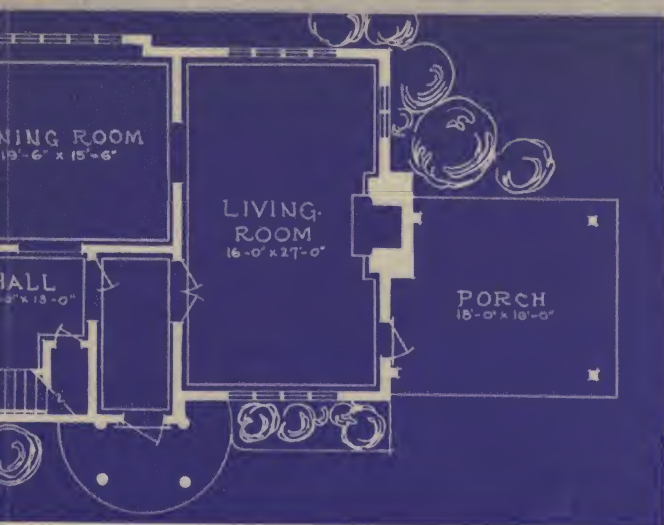
Conditioned air comes into the dining room through ducts from the central plant. The outlets are grilles in the walls. Through another duct, which has an opening in the floor, air returns to the Frigidaire Air Conditioning plant where the process of removing heat and excess moisture and dust is repeated.

In a dining room so equipped for bodily comfort, eating in hot weather is a delight. No longer is it necessary to endanger health by "summer starvation." This is just one aspect of the many health advantages that are provided by Frigidaire Air Conditioning equipment.



Dirt in glass jar in dining room shows amount which would normally settle in the house in a week if it were not for Frigidaire Air Conditioning.

Approximately seven gallons of water, as shown in aquarium in the dining room, are extracted from the air of the house each hour that it is open to the public.



THE AIR-CONDITIONED HOUSE

THIS DELIGHTFUL DINING ROOM!



The coolness of a Frigidaire Air-Conditioned dining room is delightfully pleasant. Note grille above door through which conditioned air enters room.



Outlet through which air returns to the Frigidaire Air Conditioning Plant.



Frigidaire Air Conditioning and Refrigeration make this kitchen a delightful place in hot weather.

WHAT A JOY TO PREPARE MEALS IN SUCH A PLEASANT KITCHEN!

Here's a room which *invites* one to perform the necessary tasks of cookery. The air is cool and fresh. Excess heat and humidity are unknown. And odors are carried away through a special ventilator.

The refrigerator is one of the new De Luxe Frigidaires, Model 1234, finished in Lifetime Porcelain inside and out. The interior provides *five* kinds of cold. In the pantry is shown a Standard 434 Frigidaire—the model which uses less current than one ordinary lamp bulb.

These two refrigerators are typical of the Frigidaire '34 models. See the complete Frigidaire display in the General Motors Building.



Here's the Standard Model 434 Frigidaire which uses less current than one ordinary lamp bulb. It is located in the pantry of the Air-Conditioned House. Beside it is one of the Frigidaire Bottle type Water Coolers.



EVERY DETAIL T HOUSE IS PLAN



THE ATMOSPHERE OF A SUMMER RESORT



One of the Self-contained Frigidaire Air Conditioners — a summer resort wrapped up in one package.

In the first bedroom, you see how the atmosphere of a summer resort can be enjoyed in any room of your home. The Frigidaire Air Conditioner in this bedroom has all the mechanism concealed inside the beautiful cabinet. It can be installed almost as easily as a piece of furniture.

At the head of the bed is a night table upon which are mounted a number of electric buttons. By pushing the various buttons, while lying in bed, one can adjust the windows of the room in any position desired. Provision is also made for the automatic closing of each window when rain starts to fall on the sill. The electric mechanism does not interfere with opening or closing the windows by hand.



The automatic windows of course were installed in the Frigidaire Air-Conditioned House as a novelty. The

When rain falls on the window sill, the windows close automatically.

Frigitaire Air Conditioner is all that's needed to transform any room into a cool refuge from the heat.



Buttons for adjusting the windows of the bedroom.

CENTRAL PLANT OF THE FRIGIDAIRE AIR CONDITIONING SYSTEM

Because a basement is impossible on the Lake front the Air Conditioning plant is located at the foot of the stairs leading to the rear entrance.

This air conditioning plant* is used to condition the first floor while the upstairs rooms are equipped with individual units. In actual practice, a home can be conditioned by either a central plant or by individual units in different rooms.

It is also possible to use the "zoned" system, whereby a portion of the rooms in the home can be conditioned as a group with a minimum amount of equipment.

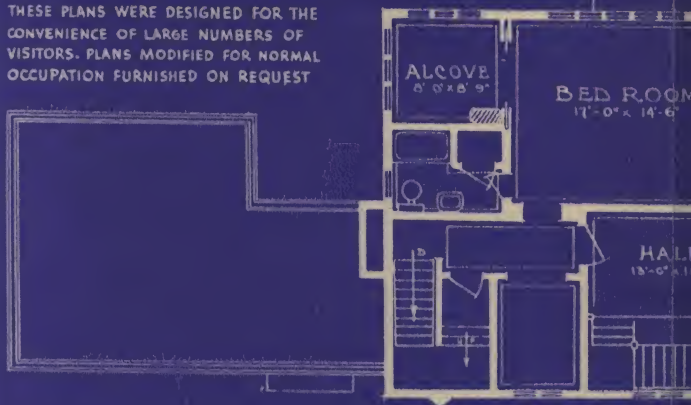


Central plant of the Frigitaire Air-Conditioned House.

*The air conditioning equipment in this room would normally be used in a house of this size. However, due to the fact that thousands of people go through this house at the World's Fair each day, additional equipment is actually used.

THROUGHOUT THE NED FOR *comfy*

THESE PLANS WERE DESIGNED FOR THE
CONVENIENCE OF LARGE NUMBERS OF
VISITORS. PLANS MODIFIED FOR NORMAL
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INDICATES FRIGIDAIRE UNIT AIR CONDITIONERS

SECOND FLOOR OF FRIGIDAIRE

WHERE RETIRING MEANS REST

The second bedroom contains an all-purpose Frigidaire Air Conditioner. Outside air is drawn into it through a filter which removes dust and pollen. In hot weather, all the air is cooled, dehumidified, purified, and gently circulated. In cold weather, the same conditioner circulates warm, filtered air, adding to it the proper moisture for health and comfort.

During moderate weather, when neither cooling nor heating is required, the conditioner may be used



This Frigidaire Air Conditioner delivers pure, fresh air either cooled or warmed according to the season.

to circulate filtered air, which is especially valuable for providing relief from hay fever and other disorders arising from dust and pollen.

The unit can be easily installed in your bedroom and will prevent extremes of heat or cold from robbing you of restful sleep. It is also ideal for any other room of your home or for your office.

FRIGIDAIRE MEETS EVERY COOLING



Model SC75 Frigidaire Air Conditioner, exhibited in master bedroom.



Model SC38 Frigidaire Air Conditioner, exhibited in the first bedroom.



Model V-3 Frigidaire Air Conditioner, exhibited in the alcove.



Standard 434 Frigidaire. One of three sizes in this series.



De Luxe 1534 Frigidaire. One of two sizes in this series.



Super 934 Frigidaire. One of three sizes in this series.

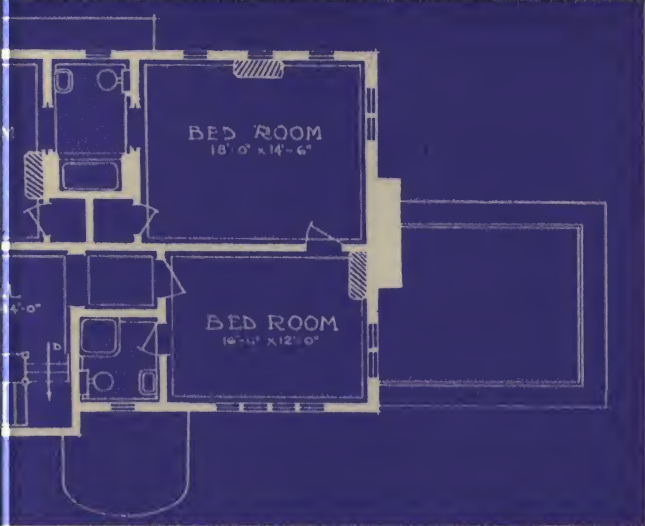


FRIGIDAIRE

Product of General Electric

FRIGIDAIRE AIR

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AIR-CONDITIONED HOUSE

THIS ROOM INVITES RELAXATION



Temperature and humidity are kept just right with a Frigidaire Air Conditioner.

The master bedroom is a delightful place for restful sleep with a Frigidaire Air Conditioner on duty.

A special Buffet Model Frigidaire provides ice cubes and affords a cold compartment for refreshments.



Buffet Model Frigidaire

G NEED IN THE MODERN HOME



Model SCV66 Frigidaire Air Conditioner, exhibited in the second bedroom.



Model B-4 Frigidaire Water Cooler. One of several for bottled water.

☆
Model 4-E Frigidaire Flowing Cold Compressor. One of many models for commercial uses.



Model 4-E Frigidaire. Six sizes available in this series.



Model WX-20 Flowing Cold Cooling Unit. One of numerous models available for commercial refrigeration.



Model P-48 Frigidaire Water Cooler. One of several for running water.

DAIRE

General Motors



CONDITIONED

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THE LEISURE LOUNGE....A VERY POPULAR ALCOVE

The leisure lounge located in alcove off the master bedroom is the place where the wife can thoroughly enjoy her afternoon siesta and the husband can completely relax after a hard day's work.

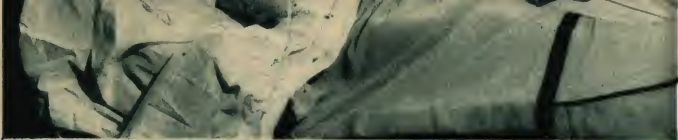
Resting upon the day-bed, one simply presses buttons on the end table and the bed is adjusted to the position most comfortable for reading or sleeping. Other buttons command the windows to open, close, or stop at any point; the sliding doors to move as desired.

Still another set of buttons controls the Frigidaire Air Conditioner, affording coolness in summer or warmth in winter.



General view of alcove. The Frigidaire Air Conditioner provides coolness in summer, warmth in winter.





Bed, windows, doors and Frigidaire Air Conditioner are controlled by electric buttons.

AWNINGS THAT TAKE ORDERS FROM THE SUN

All windows on the west side of the house have awnings operated by sunlight. This is accomplished through a switch located on the roof. When the sun is shining, the switch causes electric motors to lower the awnings. And when the sun disappears, the same switch causes the awnings to roll up.

This is a novelty, and is not necessary for applying Frigidaire Air Conditioning to your own home.



When the sun shines, the awnings roll down.



Awnings switch operated by the rays of the sun.

WRITE FOR FURTHER INFORMATION

You are cordially invited to write for information on any air conditioning problem, whether it be for your home, office, store, shop, restaurant or factory. Whatever the need may be, there is Frigidaire Air Conditioning equipment to meet it.

We shall also be glad to show you the floor plans of the house as they would be modified for normal occupation, the plans shown in this folder being designed for the convenience of the greatest number of visitors to the house. A request to the Air Conditioning Division, Frigidaire Corporation, Dayton, Ohio, will receive prompt attention.